

ABSTRACT

Modular plant growing apparatus includes a housing formed of inner and outer walls, opposed side walls, a bottom wall, and a top wall interconnected to define an enclosure. A liquid nutrient solution reservoir is formed in the enclosure by lower portions of the bottom, opposed side, and the inner and outer walls. The inner wall defines plant supporting structure including horizontally extending, vertically separated corrugations, each corrugation including a lower surface with a plurality of horizontally spaced apart plant receiving openings into the enclosure. A pump is positioned in the reservoir. A manifold and distribution conduits in liquid communication with the pump, include spray nozzles associated with the plant receiving openings within the enclosure for supplying liquid nutrient solution to roots of plants positioned in the plant receiving openings.